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ESTIMATED CASH EXPENDITURES FOR PRODUCTION
SUPPLIES AND EQUIPMENT BY FARM OPERATORS,
BY STATES, 1964 (Revised)

FARMER COOPERATIVE SERVICE
U. S. DEPARTMENT OF AGRICULTURE

Service Report 77 (Rev.)

September 1966

FARMER COOPERATIVE SERVICE
U. S. DEPARTMENT OF AGRICULTURE
WASHINGTON, D. C.

David W. Angevine, Administrator

The Farmer Cooperative Service conducts research studies and service activities of assistance to farmers in connection with cooperatives engaged in marketing farm products, purchasing farm supplies, and supplying business services. The work of the Service relates to problems of management, organization, policies, financing, merchandising, product quality, costs, efficiency, and membership.

The Service publishes the results of such studies; confers and advises with officials of farmer cooperatives; and works with educational agencies, cooperatives, and others in the dissemination of information relating to cooperative principles and practices.

PREFACE

This report is prepared annually to meet many requests from cooperatives, other supply firms, land-grant universities, and other agencies for information on farmer expenditures for supplies and equipment. Many find the data useful in conducting market research and in determining trends in expenditures on a State and regional basis.

The following tables were compiled by Farmer Cooperative Service from basic data on production expenditures of farm operators developed by the Farm Income Branch, Economic and Statistical Analysis Division, Economic Research Service, U. S. Department of Agriculture. Such expenditures were presented in preliminary form in the July 28, 1965, issue of the Farm Income Situation, and in revised form in the July 28, 1966, issue of the Farm Income Situation, FIS-203. These data did not include family farm living expenditures.

In preparing estimates of cash expenditures for production supplies and equipment from these data, we excluded estimates of amounts spent for nonsupply items (such as livestock, taxes, interest, labor and various services) used in farm production. The basis for excluding specified items is included in the footnotes to table 1. State data appear in table 2. The total expenditures for nonsupply items for the United States only appear in appendix table 1.

Although estimates for some items were made from limited data, these were based on the best information currently available. The data for each State are subject to greater error than the U. S. totals. Estimates for some items may be revised later on the basis of more current information from the Census and special surveys.--J. Warren Mather, Chief, Farm Supplies Branch

Table 1.--Estimated cash expenditures for farm production supplies and equipment by farm operators, United States, 1964 (revised)

Item	1964
	<u>\$1,000</u>
Current farm operating supplies and equipment:	
Feed <u>1/</u>	5,913,345
Seed <u>2/</u>	549,736
Fertilizer and lime <u>3/</u>	<u>1,688,547</u>
Total.....	8,151,628
Repairs and operation of capital items:	
Building materials <u>4/</u> (see expenditures for capital items below).....	498,102
Petroleum fuel and oil for motor vehicles <u>5/</u>	1,460,258
Repair parts, tires, and batteries for motor vehicles <u>6/</u>	486,471
Repair parts and tires for other farm machinery <u>7/</u>	<u>290,798</u>
Total.....	2,735,629
Miscellaneous operating supplies:	
Miscellaneous hardware <u>8/</u>	169,319
Small hand tools.....	38,514
Containers.....	131,896
Binding materials.....	82,782
Pesticides <u>9/</u>	477,300
Veterinary medicines <u>10/</u>	160,799
Greenhouse and nursery supplies.....	60,918
Dairy supplies <u>11/</u>	63,842
Harness and saddlery.....	<u>7,018</u>
Total.....	<u>1,192,388</u>
Total current farm operating supplies and equipment.....	12,079,645
Capital items: <u>12/</u>	
Building materials <u>13/</u>	927,556
Tractors.....	794,299
Trucks.....	367,570
Automobiles <u>14/</u>	796,694
Other farm machinery and equipment.....	<u>1,952,661</u>
Total capital items <u>15/</u>	<u>4,838,780</u>
Grand total--all supplies and equipment.....	16,918,425

1-15/ See page 2 for footnotes for this table.

Source of Data: Farm Income Branch, Economic Research Service, U. S. Department of Agriculture. Excludes estimates of farmers' cash expenditures for nonsupply items used in farm production (see table 2). Excludes all farm family living expenditures.

Note: Cash expenditures by farmers for nonsupply items were \$12,724 million in 1964 (see table 2). Thus, total cash expenditures for both supply and nonsupply items by U. S. farm operators for production purposes totaled \$29,642 million in 1964. If "depreciation" rather than "cash expenditures" for capital items is used in computing net income of farm operators, "production expenditures," plus other minor changes, total \$29,249 million in 1964.

Cash expenditures for production supplies and equipment accounted for 57 percent of total cash expenditures for all production items (including both supply and nonsupply items) in 1964.

Cash receipts from farming totaled \$36,946 million in 1964. Cash expenditures for production supplies and equipment, therefore, were equivalent to 45.8 percent of cash farm receipts.

Total cash expenditures for all farm production items, including both supply and nonsupply items, accounted for 80.2 percent of cash receipts from farming in 1964.

See Farm Income Situation, FIS 203. July 28, 1966, Economic Research Service, U. S. Department of Agriculture.

Footnotes for Table 1

- 1/ Includes feed grains, hay and roughage, and pasture purchased by one farmer from another farmer estimated at perhaps 10 percent of the total. Does not include feed charged to farmers at stock-yards. Definition of feed expenditures in 1959 by Census Bureau on which these were based: "Expenditures on feed purchased for livestock and poultry were to include expenditures for grain, hay, mill-feeds, pasture, salt, condiments, concentrates, and mineral supplements as well as for the grinding and mixing of feed. The estimated cost of items furnished by a landlord, contractor, or other owner for feeding poultry and livestock kept on the farm was also to be included. Payments made by tenant to his landlord for feed grown on the tenant farm were to be excluded."
- 2/ Includes seed transactions among farmers estimated at 10 percent of total.
- 3/ Includes items similar to those listed in following definition by Census Bureau in 1959 on which these estimates were based: "Fertilizer was to refer only to commercial fertilizer and fertilizing materials, including rock phosphate." No specific mention was made of basic slag. Barnyard manure, straw, refuse materials, and soil conditioners were to be excluded.
- 4/ Includes expenditures only on farm operator's dwellings, service buildings, and other structures. Includes wiring materials, plumbing equipment, fences, windmills, wells, and dwellings not occupied by the farm operator. Excludes labor estimated at 24 percent of total expenditures for repairs and maintenance of farm buildings.
- 5/ Includes only 40 percent of petroleum products used in farm automobiles as amount attributed to farm business use; excludes the remaining 60 percent as amount attributed to farm family living expenditures. Based on definition used by Census Bureau in 1959: "Expenditures for gasoline and other petroleum fuel and oil were to relate only to the products used in the farm business. They exclude the cost of petroleum products used for the family automobile when operated for other than farm business purposes and of products used in the farmhouse for heating, cooking, and lighting."
- 6/ Includes only 40 percent of total operating costs of farm automobiles as amount attributed to farm business. Excludes labor estimated at 32 percent of repair expenses for automobiles, 35 percent for trucks, and 62 percent for tractors. Also excludes insurance and license fees. Tires, tubes, and tire repair were estimated to be 20 percent of U. S. total expenditures for repair parts, tires, tubes, tire repairs, and batteries.
- 7/ Excludes labor estimated at 44 percent of total repair business.
- 8/ Includes blacksmithing and horseshoeing expense.
- 9/ State data subject to revision based on more current information. Total does not contain about \$50 million of livestock sprays and disinfectants included in veterinary medicines and supplies.
- 10/ Excludes veterinary fees of about 30 percent of total expenditures for veterinary services. Includes livestock sprays and disinfectants of about \$50 million.
- 11/ Excludes dairy equipment. It is included with "other machinery and equipment."
- 12/ Compiled by Farmer Cooperative Service as follows: The ratio of U.S. total "farm depreciation and other capital consumption" to the U.S. total "gross farm capital expenditures" was applied to the State data on "depreciation and other farm capital consumption." (In 1965, the Economic Research Service revised U. S. gross farm capital expenditures from 1930 to date. This reduced expenditures in most years for buildings and increased those for farm machinery and equipment.)
- 13/ Includes expenditures for new construction, additions, and major improvements on farm operator's dwellings, service buildings, and other structures. Includes wiring materials, plumbing equipment, fences, windmills, wells, and dwellings not occupied by farm operators. Excludes labor estimated at 24 percent of total.
- 14/ Includes only 40 percent of expenditures for farm automobiles as amount attributed to farm business.
- 15/ The cash expenditures for capital items (table 1) and labor for new buildings (table 2) total \$5,132 million compared to \$4,738 million for "depreciation and other consumption from accidental damage of farm capital" in 1964.

Table 2.--Estimated cash expenditures for farm production supplies and equipment by farm operators, by States, 1964 (revised)

State and area	Current farm operating supplies and equipment			
	Feed <u>1/</u>	Seed <u>2/</u>	Fertilizer and lime <u>3/</u>	Total
	<u>\$1,000</u>			
North Atlantic:				
Maine.....	60,751	2,930	9,278	72,959
New Hampshire.....	21,929	501	1,154	23,584
Vermont.....	44,735	724	3,782	49,241
Massachusetts.....	41,292	4,670	4,330	50,292
Rhode Island.....	6,858	308	938	8,104
Connecticut.....	42,138	3,833	4,605	50,576
New York.....	220,760	20,476	34,705	275,941
New Jersey.....	57,225	6,735	12,095	76,055
Pennsylvania.....	211,336	16,091	39,416	266,843
East North Central:				
Ohio.....	180,656	21,065	70,833	272,554
Indiana.....	201,281	20,040	88,229	309,550
Illinois.....	289,970	38,715	133,658	462,343
Michigan.....	85,019	15,681	45,627	146,327
Wisconsin.....	187,625	17,858	37,103	242,586
West North Central:				
Minnesota.....	237,667	27,815	52,127	317,609
Iowa.....	516,614	38,660	104,746	660,020
Missouri.....	200,840	18,291	68,388	287,519
North Dakota.....	28,296	13,339	17,531	59,166
South Dakota.....	89,046	9,522	9,074	107,642
Nebraska.....	195,097	13,500	48,967	257,564
Kansas.....	131,913	12,003	51,705	195,621
South Atlantic:				
Delaware.....	44,327	1,761	5,516	51,604
Maryland.....	80,031	5,075	17,887	102,993
Virginia.....	82,059	7,580	31,706	121,345
West Virginia.....	24,092	1,187	4,612	29,891
North Carolina.....	153,241	11,469	72,202	236,912
South Carolina.....	41,545	4,976	35,844	82,365
Georgia.....	196,102	12,771	66,014	274,887
Florida.....	94,228	14,791	68,144	177,163
South Central:				
Kentucky.....	71,405	7,285	41,881	120,571
Tennessee.....	74,303	8,570	37,695	120,568
Alabama.....	133,931	6,295	43,294	183,520
Mississippi.....	107,616	7,610	43,876	159,102
Arkansas.....	157,926	11,801	29,334	199,061
Louisiana.....	55,034	7,393	22,594	85,021
Oklahoma.....	102,680	8,652	24,905	136,237
Texas.....	301,534	31,217	79,847	412,598
Western:				
Montana.....	33,935	3,295	6,301	43,531
Idaho.....	50,665	10,992	20,011	81,668
Wyoming.....	18,350	1,768	2,050	22,168
Colorado.....	117,179	6,672	10,565	134,416
New Mexico.....	23,091	1,919	5,166	30,176
Arizona.....	67,323	5,193	16,080	88,596
Utah.....	34,540	2,387	2,061	38,988
Nevada.....	8,426	495	922	9,843
Washington.....	90,340	11,486	27,465	129,291
Oregon.....	60,041	7,912	19,815	87,768
California.....	623,549	45,760	103,695	773,004
48 States.....	5,898,541	549,069	1,677,773	8,125,383
Alaska.....	1,132	131	507	1,770
Hawaii.....	13,672	536	10,267	24,475
United States.....	5,913,345	549,736	1,688,547	8,151,628

See pages 1 and 2 for source of data and footnotes.

Table 2.--Estimated cash expenditures for farm production supplies and equipment by farm operators, by States, 1964 (continued)

State and area	Current farm operating supplies and equipment:				
	Repairs and operation of capital items				
	Building materials	Petroleum	Repair parts,	Repair parts	Total
		fuel and oil for motor vehicles 5/	tires, and batteries for motor vehicles 6/	& tires for other farm machinery 7/	
	4/				repairs and operation of capital items
					\$1,000
North Atlantic:					
Maine.....	2,240	5,385	2,118	1,115	10,858
New Hampshire.....	1,028	1,715	654	208	3,605
Vermont.....	2,073	4,085	1,398	659	8,215
Massachusetts.....	2,879	4,517	1,372	674	9,442
Rhode Island.....	411	687	220	115	1,433
Connecticut.....	2,593	3,678	1,300	563	8,134
New York.....	16,999	34,589	9,709	5,696	66,993
New Jersey.....	4,743	8,678	2,568	1,463	17,452
Pennsylvania.....	18,743	31,934	10,517	5,579	66,773
East North Central:					
Ohio.....	25,384	47,479	15,432	10,559	98,854
Indiana.....	20,985	48,843	17,084	10,742	97,654
Illinois.....	25,702	89,329	26,148	20,796	161,975
Michigan.....	18,010	36,534	12,774	9,051	76,369
Wisconsin.....	20,347	50,619	16,735	14,188	101,889
West North Central:					
Minnesota.....	26,206	71,382	23,496	18,914	139,998
Iowa.....	17,285	87,230	28,063	21,756	154,334
Missouri.....	18,451	50,002	20,814	8,736	98,003
North Dakota.....	6,804	48,866	12,610	12,337	80,617
South Dakota.....	6,982	39,785	10,978	11,143	68,888
Nebraska.....	12,441	59,973	17,291	14,921	104,626
Kansas.....	11,602	60,559	20,605	15,748	108,514
South Atlantic:					
Delaware.....	1,176	2,276	865	328	4,645
Maryland.....	6,376	10,228	3,227	1,474	21,305
Virginia.....	12,317	19,666	7,619	3,826	43,428
West Virginia.....	3,371	4,603	2,382	903	11,259
North Carolina.....	18,339	44,427	14,542	4,935	82,244
South Carolina.....	6,857	18,385	5,773	2,380	33,395
Georgia.....	10,724	30,533	10,669	3,804	55,730
Florida.....	9,007	18,374	6,203	2,519	36,103
South Central:					
Kentucky.....	15,382	22,371	9,701	3,548	51,002
Tennessee.....	14,454	21,934	9,580	3,548	49,516
Alabama.....	9,928	18,859	6,976	2,155	37,918
Mississippi.....	10,676	28,416	9,157	2,840	51,089
Arkansas.....	7,146	32,445	10,582	3,297	53,470
Louisiana.....	7,398	18,713	8,422	2,483	37,016
Oklahoma.....	8,830	29,078	12,417	7,424	57,749
Texas.....	24,295	112,704	35,189	16,819	189,007
Western:					
Montana.....	5,094	26,087	9,101	6,318	46,600
Idaho.....	5,209	21,947	8,214	5,096	40,466
Wyoming.....	1,801	7,906	2,664	1,797	14,168
Colorado.....	5,851	25,016	8,761	6,617	46,245
New Mexico.....	2,166	9,504	3,002	1,658	16,330
Arizona.....	2,137	13,106	2,985	1,707	19,935
Utah.....	2,745	8,134	2,863	1,413	15,155
Nevada.....	592	2,639	741	418	4,390
Washington.....	10,297	23,822	9,570	4,124	47,813
Oregon.....	6,221	19,294	7,422	2,783	35,720
California.....	25,983	77,874	25,127	11,462	140,446
48 States.....	496,280	1,454,210	485,640	290,640	2,726,770
Alaska.....	60	251	78	34	423
Hawaii.....	1,762	5,797	753	124	8,436
United States.....	498,102	1,460,258	486,471	290,798	2,735,629

See pages 1 and 2 for source of data and footnotes.

Table 2.--Estimated cash expenditures for farm production supplies and equipment by farm operators, by States, 1964 (continued)

State and area	Current farm operating supplies and equipment				
	Miscellaneous operating supplies				
	Miscellaneous: hardware 8/	Small hand tools	Containers	Binding materials	Pesticides 9/
	\$1,000				
North Atlantic:					
Maine.....	375	206	3,772	368	10,009
New Hampshire.....	101	70	587	140	2,669
Vermont.....	425	146	433	794	2,049
Massachusetts.....	145	131	2,011	227	4,957
Rhode Island.....	18	15	193	24	524
Connecticut.....	128	97	1,297	196	2,764
New York.....	2,737	827	17,647	3,729	23,687
New Jersey.....	354	149	6,536	302	7,626
Pennsylvania.....	2,710	1,011	3,903	2,456	16,061
East North Central:					
Ohio.....	5,311	1,495	2,354	2,523	11,248
Indiana.....	6,259	1,403	1,405	1,870	8,484
Illinois.....	11,675	1,656	1,361	3,380	7,816
Michigan.....	3,852	1,208	6,788	2,451	36,460
Wisconsin.....	5,372	1,460	1,618	5,246	5,147
West North Central:					
Minnesota.....	10,220	1,932	1,213	4,831	2,526
Iowa.....	11,690	2,250	198	6,137	12,392
Missouri.....	6,842	2,144	541	4,083	5,719
North Dakota.....	10,394	668	771	2,234	3,527
South Dakota.....	8,271	708	55	1,858	3,003
Nebraska.....	9,433	1,112	188	2,564	13,249
Kansas.....	11,003	1,337	188	3,408	9,103
South Atlantic:					
Delaware.....	291	41	279	49	2,049
Maryland.....	917	195	1,482	523	2,907
Virginia.....	1,738	728	1,985	1,167	9,866
West Virginia.....	473	315	722	517	2,812
North Carolina.....	2,623	1,613	1,398	681	14,012
South Carolina.....	1,553	563	547	341	7,054
Georgia.....	2,417	753	505	783	6,291
Florida.....	761	339	6,808	169	37,556
South Central:					
Kentucky.....	2,077	973	550	1,846	5,815
Tennessee.....	2,282	1,041	1,216	1,395	3,241
Alabama.....	1,860	683	835	613	4,623
Mississippi.....	2,679	770	119	926	4,718
Arkansas.....	3,548	801	401	663	3,336
Louisiana.....	1,545	665	608	523	5,100
Oklahoma.....	4,996	860	89	1,937	3,193
Texas.....	11,487	2,052	1,143	2,245	15,346
Western:					
Montana.....	4,616	597	137	1,991	5,195
Idaho.....	2,227	707	4,644	2,488	6,339
Wyoming.....	1,033	189	47	963	3,765
Colorado.....	3,125	648	2,257	2,040	11,772
New Mexico.....	548	302	607	636	5,671
Arizona.....	642	137	2,736	870	6,911
Utah.....	606	310	432	1,070	3,098
Nevada.....	229	43	22	445	1,525
Washington.....	2,328	838	2,406	1,698	15,537
Oregon.....	1,506	717	3,222	1,533	10,390
California.....	3,785	1,532	43,305	5,842	89,458
48 States.....	169,207	38,437	131,561	82,775	476,600
Alaska.....	10	4	14	6	19
Hawaii.....	102	73	321	1	681
United States.....	169,319	38,514	131,896	82,782	477,300

Table 2.--Estimated cash expenditures for farm production supplies and equipment by farm operators, by States, 1964 (continued)

State and area	Current farm operating supplies and equipment:				
	Miscellaneous operating supplies (continued)				
	Veterinary medicines <u>10/</u>	Greenhouse and nursery supplies	Dairy supplies <u>11/</u>	Harness and saddlery	Total miscellaneous operating supplies
			\$1,000		
North Atlantic:					
Maine.....	1,392	233	437	18	16,810
New Hampshire.....	268	318	234	9	4,396
Vermont.....	900	55	1,116	23	5,941
Massachusetts.....	465	2,020	469	11	10,436
Rhode Island.....	62	215	58	3	1,112
Connecticut.....	506	968	459	9	6,424
New York.....	4,668	6,065	5,515	108	64,983
New Jersey.....	537	1,680	632	18	17,834
Pennsylvania.....	4,827	5,818	3,943	131	40,860
East North Central:					
Ohio.....	4,837	5,825	2,760	168	36,521
Indiana.....	5,454	1,790	1,651	120	28,436
Illinois.....	8,030	4,038	2,083	168	40,207
Michigan.....	3,067	3,363	2,925	84	60,198
Wisconsin.....	9,060	1,513	8,337	136	37,889
West North Central:					
Minnesota.....	8,194	1,528	5,230	138	35,812
Iowa.....	13,189	1,912	2,806	200	50,774
Missouri.....	7,049	1,371	1,507	245	29,501
North Dakota.....	2,330	233	704	138	20,999
South Dakota.....	4,134	111	616	141	18,897
Nebraska.....	5,499	246	842	158	33,291
Kansas.....	4,462	396	947	163	31,007
South Atlantic:					
Delaware.....	1,602	298	94	7	4,710
Maryland.....	2,781	841	922	36	10,604
Virginia.....	2,769	1,047	1,146	204	20,650
West Virginia.....	943	232	289	91	6,394
North Carolina.....	5,205	908	925	351	27,716
South Carolina.....	1,108	168	333	163	11,830
Georgia.....	7,430	387	552	168	19,286
Florida.....	1,772	2,628	657	63	50,753
South Central:					
Kentucky.....	2,646	395	1,187	351	15,840
Tennessee.....	2,796	970	1,034	331	14,306
Alabama.....	4,750	432	505	227	14,528
Mississippi.....	3,792	93	523	333	13,953
Arkansas.....	5,018	274	346	186	14,573
Louisiana.....	1,660	491	412	206	11,210
Oklahoma.....	1,997	296	585	206	14,159
Texas.....	7,561	3,191	1,371	550	44,946
Western:					
Montana.....	1,366	91	187	206	14,386
Idaho.....	1,624	185	790	118	19,122
Wyoming.....	715	24	80	118	6,934
Colorado.....	1,560	851	418	158	22,829
New Mexico.....	704	18	147	130	8,763
Arizona.....	672	495	339	122	12,924
Utah.....	849	145	408	73	6,991
Nevada.....	279	7	77	46	2,673
Washington.....	1,896	619	1,123	86	26,531
Oregon.....	1,451	936	574	102	20,431
California.....	6,736	4,999	5,461	179	161,297
48 States.....	160,612	60,719	63,756	7,000	1,190,667
Alaska.....	7	7	12	1	80
Hawaii.....	180	192	74	17	1,641
United States.....	160,799	60,918	63,842	7,018	1,192,388

See pages 1 and 2 for source of data and footnotes.

Table 2.--Estimated cash expenditures for farm production supplies and equipment by farm operators, by States, 1964 (continued)

State and area	Capital items <u>12/</u>			
	Building materials <u>13/</u>	Tractors	Trucks	Automobiles <u>14/</u>
<u>\$1,000</u>				
North Atlantic:				
Maine.....	4,156	3,044	2,146	3,737
New Hampshire.....	1,911	1,043	741	1,291
Vermont.....	3,823	2,993	1,180	2,849
Massachusetts.....	5,324	1,881	1,406	2,359
Rhode Island.....	760	274	226	311
Connecticut.....	4,802	1,847	1,255	1,958
New York.....	31,709	21,804	7,507	17,334
New Jersey.....	8,861	3,933	2,385	3,160
Pennsylvania.....	35,043	22,898	8,335	21,939
East North Central:				
Ohio.....	47,280	32,987	10,444	33,488
Indiana.....	39,055	31,603	12,151	30,439
Illinois.....	47,296	49,712	15,465	36,625
Michigan.....	33,579	27,943	9,917	27,613
Wisconsin.....	37,419	41,196	12,088	32,664
West North Central:				
Minnesota.....	48,558	48,395	14,298	37,604
Iowa.....	31,782	55,834	13,808	43,745
Missouri.....	34,611	33,466	14,988	35,467
North Dakota.....	12,495	20,144	10,130	13,773
South Dakota.....	12,897	19,273	7,004	14,085
Nebraska.....	22,977	29,585	11,399	22,919
Kansas.....	21,659	28,867	16,306	26,589
South Atlantic:				
Delaware.....	2,187	1,368	678	1,291
Maryland.....	11,898	6,139	2,548	5,696
Virginia.....	23,122	12,979	6,891	16,466
West Virginia.....	6,294	3,899	2,937	7,120
North Carolina.....	34,312	26,540	12,779	39,383
South Carolina.....	12,963	8,003	4,620	14,062
Georgia.....	20,020	14,981	8,912	19,403
Florida.....	16,817	5,627	4,080	9,257
South Central:				
Kentucky.....	28,595	19,119	10,469	28,481
Tennessee.....	26,955	18,042	10,219	29,460
Alabama.....	18,610	11,594	8,034	18,646
Mississippi.....	19,924	13,971	8,586	17,489
Arkansas.....	13,654	13,646	8,687	13,261
Louisiana.....	13,937	9,063	5,800	13,239
Oklahoma.....	16,394	15,870	11,787	18,957
Texas.....	45,636	43,830	25,533	45,615
Western:				
Montana.....	9,407	10,603	7,306	8,300
Idaho.....	9,741	10,363	6,163	9,301
Wyoming.....	3,349	3,676	2,222	2,425
Colorado.....	10,924	10,945	6,854	8,878
New Mexico.....	4,020	2,736	2,397	3,293
Arizona.....	3,973	2,120	2,310	1,647
Utah.....	5,133	3,625	2,334	4,139
Nevada.....	1,099	907	590	624
Washington.....	19,238	11,047	7,972	13,929
Oregon.....	11,651	9,764	6,327	10,769
California.....	<u>48,310</u>	<u>24,471</u>	<u>16,306</u>	<u>24,120</u>
48 States.....	924,160	793,650	366,520	795,200
Alaska.....	115	115	77	90
Hawaii.....	<u>3,281</u>	<u>534</u>	<u>973</u>	<u>1,404</u>
United States.....	<u>927,556</u>	<u>794,299</u>	<u>367,570</u>	<u>796,694</u>

See pages 1 and 2 for source of data and footnotes.

Table 2.--Estimated cash expenditures for farm production supplies and equipment by farm operators, by States, 1964 (continued)

State and area	Capital items (continued)		Grand total-- all supplies and equipment
	Other machinery	Total capital	
	and equipment	items <u>15/</u>	
		<u>\$1,000</u>	
North Atlantic:			
Maine.....	7,491	20,574	121,201
New Hampshire.....	1,398	6,384	37,969
Vermont.....	4,422	15,267	78,664
Massachusetts.....	4,528	15,498	85,668
Rhode Island.....	771	2,342	12,991
Connecticut.....	3,780	13,642	78,776
New York.....	38,250	116,604	524,521
New Jersey.....	9,826	28,165	139,506
Pennsylvania.....	37,460	125,675	500,151
East North Central:			
Ohio.....	70,900	195,099	603,028
Indiana.....	72,134	185,382	621,022
Illinois.....	139,640	288,738	953,263
Michigan.....	60,778	159,830	442,724
Wisconsin.....	95,268	218,635	600,999
West North Central:			
Minnesota.....	127,004	275,859	769,278
Iowa.....	146,088	291,257	1,156,385
Missouri.....	58,665	177,197	592,220
North Dakota.....	82,843	139,385	300,167
South Dakota.....	74,822	128,081	323,508
Nebraska.....	100,190	187,070	582,551
Kansas.....	105,743	199,164	534,306
South Atlantic:			
Delaware.....	2,200	7,724	68,683
Maryland.....	9,897	36,178	171,080
Virginia.....	25,691	85,149	270,572
West Virginia.....	6,062	26,312	73,856
North Carolina.....	33,148	146,162	493,034
South Carolina.....	15,982	55,630	183,220
Georgia.....	25,543	88,859	438,762
Florida.....	16,918	52,699	316,718
South Central:			
Kentucky.....	23,821	110,485	297,898
Tennessee.....	23,821	108,497	292,887
Alabama.....	14,474	71,358	307,324
Mississippi.....	19,069	79,039	303,183
Arkansas.....	22,136	71,384	338,488
Louisiana.....	16,673	58,712	191,959
Oklahoma.....	49,850	112,858	321,003
Texas.....	112,941	273,555	920,106
Western:			
Montana.....	42,427	78,043	182,560
Idaho.....	34,218	69,786	211,042
Wyoming.....	12,070	23,742	67,012
Colorado.....	44,432	82,033	285,523
New Mexico.....	11,130	23,576	78,845
Arizona.....	11,461	21,511	142,966
Utah.....	9,487	24,718	85,852
Nevada.....	2,805	6,025	22,931
Washington.....	27,688	79,874	283,509
Oregon.....	18,689	57,200	201,119
California.....	<u>76,966</u>	<u>190,173</u>	<u>1,264,920</u>
48 States.....	1,951,600	4,831,130	16,873,950
Alaska.....	228	625	2,898
Hawaii.....	<u>833</u>	<u>7,025</u>	<u>41,577</u>
United States.....	1,952,661	4,838,780	16,918,425

See pages 1 and 2 for source of data and footnotes.

Appendix table 1.--Estimated cash expenditures for nonsupply production items by farm operators,
United States, 1964 (revised)

Item	1964
	<u>\$1,000</u>
Current farm operating expenses:	
Livestock purchased.....	2,422,000
Hired labor <u>1/</u>	<u>2,578,000</u>
Total.....	5,000,000
Miscellaneous current operating expenses:	
Fire, wind, and crop hail insurance.....	177,655
Veterinary fees <u>2/</u>	68,914
Hired hauling of milk.....	160,726
Ginning.....	254,909
Crop insurance--FCIC.....	10,467
Tolls for sugar cane and sorgho syrup.....	2,193
Short-term interest on non-real-estate debts.....	1,017,504
Electricity.....	166,601
Grazing permits.....	11,200
Irrigation.....	121,210
Telephones.....	129,927
Marketing livestock charges.....	<u>126,328</u>
Total.....	2,247,234
Repairs and operation of capital items:	
Labor for repair of motor vehicles <u>3/</u>	517,474
Insurance and license fees for motor vehicles.....	251,000
Labor for repair of other farm machinery <u>4/</u>	228,484
Labor for repair of buildings <u>5/</u>	<u>157,296</u>
Total.....	<u>1,154,254</u>
Total cash farm operating expenses.....	8,401,488
Other cash farm expenditures:	
Taxes on farm property.....	1,830,000
Interest on farm mortgage debt.....	951,000
Net rent to nonfarm landlords.....	<u>6/ 1,249,000</u>
New capital items--labor for new buildings <u>7/</u>	<u>292,913</u>
Total.....	<u>4,322,913</u>
Grand total--all services and other nonsupply items.....	12,724,401

Source of Data: Farm Income Branch, Economic Research Service, U. S. Department of Agriculture.
Excludes estimates of farmers cash expenditures for supplies and equipment used in farm production.
Excludes all farm family living expenditures.

Note: Cash expenditures for farm production supply and equipment items were \$16,918 million in 1964 (see table 1). Thus, total cash expenditures for both supply and nonsupply items by U. S. farm operators for production purposes totaled \$29,642 million in 1964. If "depreciation" rather than "cash expenditures for capital items" is used in computing net income of farm operators, "production expenditures," plus other minor changes, totaled \$29,249 million in 1964. See Farm Income Situation, July 28, 1966. Economic Research Service, USDA.

1/ Includes cash wages and Social Security taxes paid by employers. Excludes perquisites. ("Hired labor" in Economic Research Service's data on "current farm operating expenses" was \$2,804 million when perquisites were included.)

2/ Estimated to represent 30 percent of total for medicines and service fees.

3/ Of "total expense for parts, tires, and labor" estimated labor expense accounted for 32 percent for automobiles, 35 percent for trucks, and 62 percent for tractors.

4/ Estimated to represent 44 percent of total for parts, tires, and labor.

5/ Estimated to represent 24 percent of total for building materials and labor.

Footnotes continued on next page.

6/ Net rent was \$1,136 million in ERS table on "production expenses of farm operators" because of difference in handling landlords' share of total expenditures rather than depreciation on farm buildings.

7/ Labor estimated to represent 24 percent of total for building materials and labor used in new construction, additions, and major improvements for farm operator's dwellings, service buildings, and other structures. Includes fences, windmills, wells, and dwellings not occupied by the farm operator.

Tables by ERS on "production expenses of farm operators" include depreciation on motor vehicles, farm machinery, and buildings rather than cash expenditures for such items.

